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FORM PTO-1390
(REV 11-98)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY'S DOCKET NUMBER

30394-1027

TRANSMITTAL LETTER TO THE UNITED STATES
DESIGNATED/ELECTED OFFICE (DO/EO/US)
CONCERNING A FILING UNDER 35 U.S.C. 371

U.S. APPLICATION NO. (If known, see 37 CFR 1.5)

09/308150

INTERNATIONAL APPLICATION NO
PCT/NL97/00624INTERNATIONAL FILING DATE
14 November 1997PRIORITY DATE CLAIMED
15 November 1996

TITLE OF INVENTION PEPTIDE DERIVED FROM AN ANTIGEN RECOGNIZED BY AUTOANTIBODIES FROM
PATIENTS WITH RHEUMATOID ARTHRITIS, ANTIBODY DIRECTED AGAINST SAID
PEPTIDE, A COMBINATORIAL ANTIGEN, AND A METHOD OF DETECTING AUTO-IMMUNE ANTIBODIES

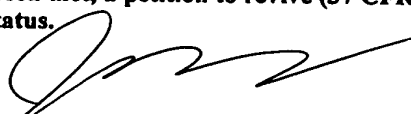
APPLICANT(S) FOR DO/EO/US Waltherus Jacobus Wilhelmus Van Venrooij, Gerardus Antonius
Schellekens, Jozef Maria Hendrik Raats, Rene Michael Antonius Hoet

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. 371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. 371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. 371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1).
4. ☒ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. 371(c)(2))
 - a. ☒ is transmitted herewith (~~required only if not transmitted by the International Bureau~~ *in the event it was*).
 - b. ☐ has been transmitted by the International Bureau.
 - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US).
6. ☐ A translation of the International Application into English (35 U.S.C. 371(c)(2)).
7. ☒ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3))
 - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
 - b. ☐ have been transmitted by the International Bureau.
 - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
 - d. ☒ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)).
9. ☒ An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)). (unsigned)
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)).

Items 11. to 16. below concern document(s) or information included:

11. ☐ An Information Disclosure Statement under 37 CFR 1.97 and 1.98.
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment.
☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☐ A substitute specification.
15. ☐ A change of power of attorney and/or address letter.
16. ☒ Other items or information: Associate Power of Attorney

| U.S. APPLICATION NO. 09/308150 | | INTERNATIONAL APPLICATION NO. PCT/NL97/00624 | | ATTORNEY'S DOCKET NUMBER 30394-1027 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|--------------|--|------------------|-------------------------------------|--------------|--------------|------|--------------|-----------|----|-----------|--------------------|---------|----|-----------|---|--|--|------------|--------------------------------------|--|--|-----------|--|--|--|--|-------------------|--|--|-----------|--|--|--|--|-----------------------------|--|--|-----------|--|--|--|--|------------------------------|--|--|-----------|--|--|--|------------------|--|--|--|-------------|--|--|--|------------|--|--|
| <p>17. <input checked="" type="checkbox"/> The following fees are submitted: BASIC NATIONAL FEE (37 CFR 1.492 (a) (1) - (5)) : Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO and International Search Report not prepared by the EPO or JPO \$970.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but International Search Report prepared by the EPO or JPO..... \$840.00 International preliminary examination fee (37 CFR 1.482) not paid to USPTO but international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$760.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) but all claims did not satisfy provisions of PCT Article 33(1)-(4).....\$670.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(1)-(4)\$96.00 ENTER APPROPRIATE BASIC FEE AMOUNT =</p> | | | | CALCULATIONS PTO USE ONLY | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)). | | | | \$ | 840.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <table border="1"><thead><tr><th>CLAIMS</th><th>NUMBER FILED</th><th>NUMBER EXTRA</th><th>RATE</th></tr></thead><tbody><tr><td>Total claims</td><td>15 - 20 =</td><td>--</td><td>X \$18.00</td></tr><tr><td>Independent claims</td><td>1 - 3 =</td><td>--</td><td>X \$78.00</td></tr><tr><td colspan="3">MULTIPLE DEPENDENT CLAIM(S) (if applicable)</td><td>+ \$260.00</td></tr><tr><td colspan="3">TOTAL OF ABOVE CALCULATIONS =</td><td>\$ 840.00</td></tr><tr><td colspan="4">Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28).</td></tr><tr><td colspan="3">SUBTOTAL =</td><td>\$ 840.00</td></tr><tr><td colspan="4">Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).</td></tr><tr><td colspan="3">TOTAL NATIONAL FEE =</td><td>\$ 840.00</td></tr><tr><td colspan="4">Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property +</td></tr><tr><td colspan="3">TOTAL FEES ENCLOSED =</td><td>\$ 840.00</td></tr><tr><td colspan="3"></td><td>Amount to be: \$</td></tr><tr><td colspan="3"></td><td>refunded \$</td></tr><tr><td colspan="3"></td><td>charged \$</td></tr></tbody></table> | | | | CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | Total claims | 15 - 20 = | -- | X \$18.00 | Independent claims | 1 - 3 = | -- | X \$78.00 | MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$260.00 | TOTAL OF ABOVE CALCULATIONS = | | | \$ 840.00 | Reduction of 1/2 for filing by small entity, if applicable. A Small Entity Statement must also be filed (Note 37 CFR 1.9, 1.27, 1.28). | | | | SUBTOTAL = | | | \$ 840.00 | Processing fee of \$130.00 for furnishing the English translation later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)). | | | | TOTAL NATIONAL FEE = | | | \$ 840.00 | Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property + | | | | TOTAL FEES ENCLOSED = | | | \$ 840.00 | | | | Amount to be: \$ | | | | refunded \$ | | | | charged \$ | | |
| CLAIMS | NUMBER FILED | NUMBER EXTRA | RATE | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| Total claims | 15 - 20 = | -- | X \$18.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| MULTIPLE DEPENDENT CLAIM(S) (if applicable) | | | + \$260.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| TOTAL OF ABOVE CALCULATIONS = | | | \$ 840.00 | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
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| | | | Amount to be: \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | refunded \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| | | | charged \$ | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| a. <input checked="" type="checkbox"/> A check in the amount of \$ 840.00 to cover the above fees is enclosed | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| b. <input type="checkbox"/> Please charge my Deposit Account No. _____ in the amount of \$ _____ to cover the above fees. A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 13-4213. A duplicate copy of this sheet is enclosed. | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| <p>NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.</p> <div><div>SEND ALL CORRESPONDENCE TO: Jeffrey D. Myers PEACOCK, MYERS & ADAMS Post Office Box 26927 Albuquerque, New Mexico 87125-6927 Telephone: (505) 998-1500 office (505) 998-1502 direct line Fax: (505) 243-2542</div><div> SIGNATURE: Jeffrey D. Myers NAME 35,964 REGISTRATION NUMBER</div></div> | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |

09/308150

Practitioner's Docket No. 30394-1027

IN THE UNITED STATES

- ☐ RECEIVING OFFICE (RO/US)
☐ DESIGNATED OFFICE (DO/US)
☒ ELECTED OFFICE (EO/US)

| INTERNATIONAL APPLICATION NO. | INTERNATIONAL FILING DATE | PRIORITY DATE CLAIMED |
|-------------------------------|---------------------------|-----------------------|
| PCT/NL97/00624 | 14 November 1997 | 15 November 1996 |

TITLE OF INVENTION PEPTIDE DERIVED FROM AN ANTIGEN RECOGNIZED BY AUTOANTIBODIES FROM PATIENTS WITH RHEUMATOID ARTHRITIS, ANTIBODY DIRECTED AGAINST SAID PEPTIDE, A COMBINATORIAL ANTIGEN, AND A METHOD OF DETECTING AUTO-IMMUNE ANTIBODIES
APPLICANT(S) Waltherus Jacobus Wilhelmus Van Venrooij, Gerardus Antonius Schellekens, Jozef Maria Hendrik Raats, and Rene Michael Antonius Hoet

Box PCT

Assistant Commissioner for Patents
Washington, D.C. 20231VERIFIED CERTIFICATION OF EXPRESS MAILING DATE
(INTERNATIONAL APPLICATION (37 CFR 1.10(c)))

I declare that, on 13 May 1999, I deposited, with the United States Postal Service, in an envelope "Express Mail, Post Office to Addressee," bearing Label Number EL270182671US, addressed to the "Assistant Commissioner for Patents, Washington, D.C. 20231," and having an express mail certification that I executed, the following papers:

Filing fee \$840, Transmittal Letter to EO/US Concerning Filing Under
35 USC 371 (2 pp); Copy of application as published with Search Report
(21 pp), First Preliminary Amendment (4 pp), Associate Power of Attorney,
Unsigned Declaration

A copy of these papers from the file of this application is attached.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application of any patent issuing thereon.

Annette M. Turk, Legal Assistant

(typed or printed name of person making this verified statement)

Date 13 May 1999



Signature of person making this verified statement

Verified Certification of Express Mailing Date (International Application) [13-12]—page 2 of 2)